GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

STARRED QUESTION NO:258
ANSWERED ON:15.12.1999
UNDERGROUND WATER
A. VENKATESH NAIK;RAMSHETH THAKUR

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Government have launched any plan to fill the underground water artificially;

(b) if so, the funds earmarked by the Government in the Ninth Five Year Plan for implementation of Artificial Ground Water Development Schemes, State-wise;

(c) the funds allocated and likely to be released to each State Government under the Schemes particularly for Maharashtra and Karnataka;

(d) whether the Government have evolved an action plan to achieve the target to fill the underground water artificially in a time bound manner; and

(e) if so, the details thereof ?

Answer

THE MINISTER OF WATER RESOURCES (DR. C. P. THAKUR)

(a) to (e) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF LOK SABHA STARRED QUESTION NO.258 FOR 15.12.9 SHRI RAMSHETH THAKUR AND SHRI A. VENKATESH NAIK REGARDING UNDERGROUND WATER.

(a) to (e): Yes, sir. The Government have undertaken a central sector scheme for studies on pilot basis on artificial recharge of ground water at an estimated cost of Rs.25 crore during the Ninth Five Year Plan. State-wise allocation of funds under the scheme is not made. Funds are provided to States for construction of civil works for recharge structures on cost-deposit basis on behalf of the Central Ground Water Board. The State-wise details of funds given during the three years (1997-98 to 1999-2000) of the Ninth Five Year Plan, including Maharashtra and Karnataka, under the scheme are given in the annexed statement. The Government have formulated a centrally sponsored scheme to assist the States in Artificial Recharge of Ground Water at an estimated cost of Rs. 101.50 crore. This scheme is at consultation stage. In addition, the Government have prepared and circulated a Manual on Artificial Recharge of Ground Water to States/UTs to enable them to formulate area specific artificial recharge schemes utilising State funds.

STATEMENT SHOWING FUNDS GIVEN TO VARIOUS STATES/UTS UNDER CENTRAL SECTOR SCHEME ON STUDIES ON ARTIFICIAL RECHARGE OF GROUND WATER

YEAR-WISE ALLOCATION OF FUNDS (Rs)

S.NO	STATE/UT	TOTAL		
		1997-98	1998-99	1999-2000
1.	NCT OF DELHI	5,12,361	5,00,000	10,12,361
2.	HARYANA		9,24,000	33,10,000	42,34,000
3.	HIMACHAL PRADESH			25,37,000	25,37,000
4.	JAMMU & KASHMIR			39,60,000	39,60,000

5.	KARNATAKA	6,60,265		6,60,265
6.	KERALA	24,35,000	6,25,000	30,60,000
7	MADHYA PRADESH	4,64,000	8,27,000	12,91,000
8.	MAHARASHTRA	2,20,820	12,99,000	24,33,000
9.	PUNJAB		10,75,000 97,47,000	1,08,22,000
10.	RAJASTHAN		4,50,000 3,48,000	7,98,000
11.	TAMIL NADU	6,50,000	8,00,000	14,50,000
12.	UTTAR PRADESH		7,00,000	7,00,000
13.	WEST BENGAL	38,250	29,37,000	29,75,250
14.	CHANDIGARH	5,28,000	5,28,000	

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF LOK SABHA UNSTARRED QUESTION NO.2546 FOR 15.12.99 BY COL. (REDT.) SONA RAM CHOUDHARY REGARDING UNDER GROUND WATER.

(a) to (c) Yes, Sir. The Government has seen the news item under the caption `Bad news from Punjab` which has appeared in a section of the press. According to the information furnished by the Central Ground Water Board, fall in ground water level in certain parts of the State of Punjab has been observed. The details are shown in the enclosed statement. With a view to tackling the problem of falling ground water level, the Central Ground Water Board has taken up studies on pilot basis on `Artificial Recharge of Ground Water` in associa- tion with the State Government of Punjab in parts of Amritsar, Jallandhar, Kapurthala, Sangrur, Patiala and Ludhiana Districts of the State.

(d) & (e) No, Sir. However some International Agencies have estimated that the progressive reduction in per capita availability of fresh water in India may decline to 1600 Cubic metre by 2017 A.D. leading to water stress condi- tions. Planning, formulation and execution of water resources schemes is the responsibility of the State Governments. Since the beginning of the Plan era, various steps have been taken for exploitation of available water resourc- es. A number of small and large dams were taken up and as a result of this, the total live storage capacity has increased from 15.64 BCM at the beginning of plan era to about 177 BCM in 1995. The total water requirement projection of 1050 BCM for the year 2025 can be met by harnessing fully, the utilisable surface water resources of about 690 BCM and by utilising about 360 BCM of exploitable ground water re- sources.

STATEMENT SHOWING POSITION OF FALL IN GROUND WATER LEVELS IN CERTAIN PARTS OF PUNJAB

RATE OF FALL OF GROUND WATER LEVEL

(CM/YEAR)

S.NO	DISTRICTS (the rate of fall of ground water level in certain parts of the Distts. varies and is shown below)	
1.	Amritsar, Kapurthala, Jallandhar, Gurdaspur, Nawan Shehar, Ludhiana, Sangrur, patiala, Western part of Fatehgarh Sahib, Northern part of Bhatinda, Eastern part of Moga, Northern part of Ferozepur	0-10
2.	Amritsar, Kapurthala, Jallandhar, Gurdaspur, Nawan Shehar, Ludhiana, Sangrur, patiala, Western part of Fatehgarh Sahib, Northern part of Bhatinda, Eastern part of Moga, Northern part of Ferozepur	10-20
3.	Sangrur, Patiala, North Bhatinda, Western part of Ludhiana, Jallandhar, Amritsar, Northern part of Ferozepur	20-40
4.	Sangrur, Patiala	Above 40